Aeronautics Educator Guide			
2007 Mathematics			
Next Generation Sunshine State Standards			
Florida Mathematics			
Grade 2			
Activity/Lesson	**State**	**Standards**	
Air Engines (12-16)	FL	MA.2.MA.2.G.3.1	Estimate and use standard units, including inches and centimeters, to partition and measure lengths of objects.
Air Engines (12-16)	FL	MA.2.MA.2.G.3.4	Estimate, select an appropriate tool, measure, and/or compute lengths to solve problems.
Paper Bag Mask (23-28)	FL	MA.2.MA.2.G.3.1	Estimate and use standard units, including inches and centimeters, to partition and measure lengths of objects.
Paper Bag Mask (23-28)	FL	MA.2.MA.2.G.3.4	Estimate, select an appropriate tool, measure, and/or compute lengths to solve problems.
Wind in Your Socks) (29-35)	FL	MA.2.MA.2.G.3.1	Estimate and use standard units, including inches and centimeters, to partition and measure lengths of objects.
Wind in Your Socks) (29-35)	FL	MA.2.MA.2.G.3.4	Estimate, select an appropriate tool, measure, and/or compute lengths to solve problems.
Aeronautics Educator Guide			
2007 Mathematics			
Next Generation Sunshine State Standards			
Florida Mathematics			
Grade 3			
Activity/Lesson	**State**	**Standards**	
Air Engines (12-16)	FL	MA.3.MA.3.G.5.1	Select appropriate units, strategies and tools to solve problems involving perimeter.
Air Engines (12-16)	FL	MA.3.MA.3.G.5.2	Measure objects using fractional parts of linear units such as 1/2, 1/4 and 1/10.
Rotor Motor (69-75)	FL	MA.3.MA.3.S.7.1	Construct and analyze frequency tables, bar graphs, pictographs, and line plots from data, including data collected through observations, surveys, and experiments.
Flight: Interdisciplinary Learning Activities (76-79)	FL	MA.3.MA.3.G.5.3	Tell time to the nearest minute and to the nearest quarter hour, and determine the amount of time elapsed.
Flight: Interdisciplinary Learning Activities (76-79)	FL	MA.3.MA.3.S.7.1	Construct and analyze frequency tables, bar graphs, pictographs, and line plots from data, including data collected through observations, surveys, and experiments.
Plan to Fly There (97-106)	FL	MA.3.MA.3.G.5.3	Tell time to the nearest minute and to the nearest quarter hour, and determine the amount of time elapsed.
We Can Fly, You and I: Interdisciplinary Learning (107-108)	FL	MA.3.MA.3.G.5.3	Tell time to the nearest minute and to the nearest quarter hour, and determine the amount of time elapsed.

Dunked Napkin (17-22)	FL	MA.3.MA.3.S.7.1	Construct and analyze frequency tables, bar graphs, pictographs, and line plots from data, including data collected through observations, surveys, and experiments.
Paper Bag Mask (23-28)	FL	MA.3.MA.3.G.3.1	Describe, analyze, compare and classify two-dimensional shapes using sides and angles – including acute, obtuse, and right angles – and connect these ideas to the definition of shapes.
Paper Bag Mask (23-28)	FL	MA.3.MA.3.G.3.3	Build, draw and analyze two-dimensional shapes from several orientations in order to examine and apply congruence and symmetry.
Paper Bag Mask (23-28)	FL	MA.3.MA.3.G.5.1	Select appropriate units, strategies and tools to solve problems involving perimeter.
Paper Bag Mask (23-28)	FL	MA.3.MA.3.G.5.2	Measure objects using fractional parts of linear units such as 1/2, 1/4 and 1/10.
Wind in Your Socks) (29-35)	FL	MA.3.MA.3.G.5.1	Select appropriate units, strategies and tools to solve problems involving perimeter.
Wind in Your Socks) (29-35)	FL	MA.3.MA.3.G.5.2	Measure objects using fractional parts of linear units such as 1/2, 1/4 and 1/10.
Aeronautics Educator Guide			
2007 Mathematics			
Next Generation Sunshine State Standards			
Florida Mathematics			
Grade 4			
Activity/Lesson	**State**	**Standards**	
Air Engines (12-16)	FL	MA.4.MA.4.G.3.3	Select and use appropriate units, both customary and metric, strategies, and measuring tools to estimate and solve real-world area problems.
Paper Bag Mask (23-28)	FL	MA.4.MA.4.G.3.3	Select and use appropriate units, both customary and metric, strategies, and measuring tools to estimate and solve real-world area problems.
Paper Bag Mask (23-28)	FL	MA.4.MA.4.G.5.1	Classify angles of two-dimensional shapes using benchmark angles (45°, 90°, 180°, and 360°).
Wind in Your Socks) (29-35)	FL	MA.4.MA.4.G.3.3	Select and use appropriate units, both customary and metric, strategies, and measuring tools to estimate and solve real-world area problems.